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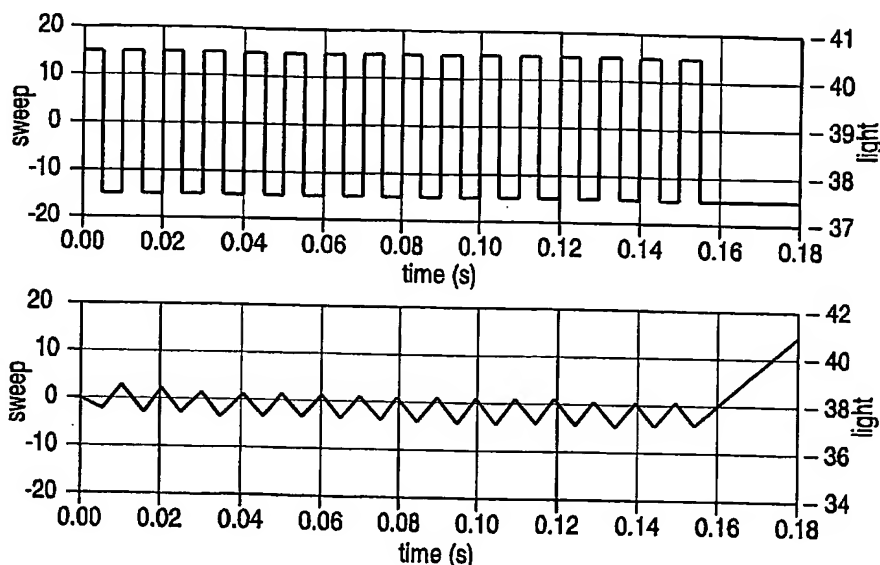
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(54) Title: DISPLAY DEVICE



(57) Abstract: A display device comprises electrophoretic particles, a display element comprising a pixel electrode and a counter electrode between which a portion of the electrophoretic particles are present and a controller for supplying a drive signal to the electrodes to bring the display element in a predetermined black or white state, corresponding to the image information to be displayed. In order to improve the refresh time of the display, the controller is further arranged for supplying a preset signal preceding the drive signal comprising a preset pulse having an energy sufficient to release the electrophoretic particles at a first position near one of the two electrodes corresponding to a black state, but too low to enable the particles to reach a second position near the other electrode corresponding to a white state. The duration of the preset pulses is less than 19 msec, preferably between 1 and 10 msec. Setting the duration of the preset pulses to less than 19 msec reduced visible flicker F.

WO 2004/100120 A2



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